

APPENDIX A

Please amend the paragraph extending from page 8, line 22, to page 9, line 9, as follows:

According to the present invention, differential amplifiers and methods of using same are provided. In one particular exemplary embodiment, the present invention may be realized as a circuit comprising a differential amplifier for receiving a differential input signal and generating a differential output signal, a comparator for generating an adjustment signal based at least in part upon the differential output signal, and a current controller for controlling current steering and at least one offset current in the differential amplifier based at least in part upon the adjustment signal and a current steering ~~control~~ variable signal.

Please amend the Abstract on page 40 as follows:

A differential amplifier and method of using same are disclosed. In one particular exemplary embodiment, the present invention may be realized as a circuit comprising a differential amplifier for receiving a differential input signal and generating a differential output signal, a comparator for generating an adjustment signal based at least in part upon the

differential output signal, and a current controller for controlling current steering and at least one offset current in the differential amplifier based at least in part upon the adjustment signal and a current steering ~~control~~ variable signal.